

Wisconsin Pest Survey Report

2019 TESTING FOR CROP EXPORT CERTIFICATION

In 2019 the Pest Survey team provided field inspections to 15 Wisconsin seed producers to meet phytosanitary certification requirements of importing countries. Plant Industry Laboratory tested 95 samples from 9 field crops, fruits, vegetables, and small grains for 48 different bacterial, fungal, viral diseases and nematodes.

Corn: All 49 seed corn samples submitted for testing were negative for Goss's wilt, Stewart's wilt and bacterial leaf streak (*Xanthomonas vasicola pv. vasculorum*) in 2019. Stewart's wilt has not been detected in this state since 2010. Common rust (48%), gray leaf spot (33%) and anthracnose (22%) were the most common fungal pathogens.

Corn virus screens showed no high plains disease (HPV), wheat streak virus (WSV) or maize chlorotic mottle virus (MCMV). Only one sample in Dane county tested positive for sugarcane mosaic virus (formerly maize dwarf mosaic virus).

Soybeans: Five samples were examined and found free from anthracnose.

Solanaceous crops (pepper tomato, tomatillos): Twenty-two submissions were tested for and found free from pospiviroids such as PSTVd, TCDVd.

Cucurbits: Seven squash and gourd samples were screened for several viruses including: potyviruses, squash mosaic virus and zucchini yellow mosaic. None were detected.

Onions and small grains (4 samples) were checked for diseases caused by nematodes such as *Ditylenchus dipsaci* and *Anguina tritici*. No plant pathogenic nematodes were detected.

Blueberry cuttings for planting (8 samples) tested negative for blueberry shock and blueberry scorch virus.

Export requirements are subject to frequent changes imposed by the importing countries. For more information about requesting field inspections and phytosanitary certificates, please visit our website

https://datcp.wi.gov/Pages/Programs_Services/ShippingPlantMaterial.aspx.